FORM P	TO-144	9					ENT OF COMMERCI		ATTY. DOCKET NO.		SERIAL NO.					
(Nodified)							RADEMARK OFFICI	٦	313-008-2	0	9/772,	016				
(<u>*</u> 10		ORM/ ATEMI							APPLICANT							
<i>E</i>									F.J. Maguire FILING DATE GROUP							
(37 CFR 1		sever	ral s	sheets	if	nece	ssary)		Jan. 29, 200	7	1	614				
(37 CFR 1	98(0))										2	014				
	т т			1.00			1	ENT	DOCUMENTS	ı ——		1				
INITIAL		ocui			_	_	ISSUE DATE		PATENTEE	CLA	ss	SUBCLAS		FILING DATE IF APROPRIAT		
my	1	5 0		2 2	_	1 8	T		Spero et al		_	-	 			
		3 5			_	5 7	 	F	Balding et al	1		1T	_			
	1 1			0 8	_	7 0	 		Heilig				4			
		2 9		$\overline{}$	_	\neg			Heilig			+ T	HEC	FIT		
	1 1	\rightarrow		4 4	_	<u>이</u> 크	7/77		Mann 			-	1110	<u> </u>		
				8 7	_	2 5	1 1		Lewis	 -			PEC	0-2		
		_		3 3	_	1 7	4/85		Ruoff, Jr. Fischer et al	+		-rechn	ology C			
	 	3 5		3 1	-	1 1	4/76 4/70		Holmes	1			- 97 (8	enter		
		10			_		 		Spooner	-	_		 -			
$-\frac{1}{h}$		\neg	1	5 2	\neg	4 0	1		Spooner			 	\pm			
-/ -	<u></u>	:1.21	<u> </u>	1212	-1-	1 0		NTE:	NT DO CHMENTS				<u> </u>			
	ТТ						PUBLICATION		T DOCUMENTS				TRANS	EL A T		
	D	ocui	ME	NT N	UN	ивег		1	COUNTRY	CLA	SS	SUBCLAS		N		
\sqrt{M}		16	5	5 6	Ţ	4 0	5/31/95		EPO				1 123	 ''\		
VV	5	+	-	⊢	+	4	3/9/93		Japan			17	1	 		
	5	5 2	1	1 6	,	2 5	8/20/93		Japan			1-		†		
	4	2	1	5 5	; :	2 3	1/21/93		Germany			T				
$\overline{}$	2	2 2	7	2 1	. :	2 4	5/4/94	Gr	eat Britain		-	1	_			
- 	HEB DO			ENIT	: /	Incl	uding Author	T:+I	e, Date, Relevant P	2000	bio.	oo of Bul	nligation	<u> </u>		
								-	nsional display,							
W	-	+			_		oint Comput		****			D. Duci.				
101		╂				-										
١.			_Re	evie	ew.	an	d Investiga	tio	n of Aiming and	Trac	kin	g Perfo	rmance	:		
\overline{W}		wit	th	Неа	ad	-Mo	unted Sight	s,"	Wells and Griff	in,	IEE	E Trans	. on			
N_{12}		Sys	ste	ems	, 1	Man	, and Cybern	net	ics, Vol. SMC-17	, No	. 2	,				
14		Ma	rcl	h/Ar	or.	il	1987									
EXAMINER									DATE CONSIDERED							
)								/	1					
	1-								[(. // <i>X</i> /	1771	_					

next communication to applicant.

FORM PTO-	1449						OF COMMERCE PATENT	ATTY. DOCKET NO.	SERIAL NO.								
(Modified)			AND	TRAD	EMA	RK C	OFFICE	313-008-2 09/772,03									
<u>5</u> /	INFO)RM <i>F</i>	ATIO	N DIS	SCLC	วรบ	RE	APPLICANT									
§ 2001 E	STA	TEME	ENT	BY A	PPL	ICA	NT	F.J. Maguire									
<i>\\ \\</i>	(Use s	sever	ral sh	neets	if ne	eces	sarv)	FILING DATE		GR	GROUP						
AHK OF (37 CFR 1.98								Jan. 29, 200)1	2	2614						
							U.S. PATE	NT DOCUMENTS									
EXAMINER			. 45.1			\c.D	ISSUE							DATE			
INITIAL		1 1		T NUMBER			DATE	PATENTEE	CL	ASS	SUBCVASS		IF APROPRIATE				
MM		1		5 2	_	-	2/82	Spooner				—	<u> </u>				
	4			9 8	_	_	9/82	Spooner	ļ			<u> </u>	<i></i>	RA			
	4	Γ		3 1		7	8/81	Kron et al	<u> </u>					120			
	4	8	2 3	- 1	1	1	4/89	Clark et al	<u> </u>			-	A	UC a			
	3	5	7 6	6 9	4	5	5/71	Ebeling		<u> </u>				REC _l			
	3	8	8 2	3 2	3	5	5/75	Lynn et al					echno	loave			
	5	1	7 5	5 6	1	6	12/92	Milgram et al	<u> </u>	_							
	4	1	9 -	7 8	5	5	4/80	Lewin	-		_	-					
	4	3	7 5	5 6	7	4	3/83	Thornton	-		*	ł					
	4	5	8 6	5 5	1	5	5/86	Berger	ļ		_						
7,	3	7	1 2		1	6		Cornsweet et al			V						
								FENT DOCHMENTS	•	•							
							PUBLICATION		T		1		TRANS	AOITA I			
	DC	OCUI	MEN	T N	JME	BER		COUNTRY	CL	ASS	SUBC	LASS		NO			
0.1.4	-	ы	٦,	مل		<u></u>	12/24/01	v y						NO			
/WY	³	14	7	40	13	3	12/24/91	Jápan	<u> </u>		<u> </u>		X				
		Ш	\perp								İ						
												·					
	$\neg \vdash$	H	+	十	Н	Н											
		ightarrow	+	-		Ш		<u>-</u>	<u> </u>		<u> </u>						
				$oldsymbol{\perp}$					<u> </u>								
отня	R DO	CLIE	MEN	JTC	(In	ch	ıdina Author T	itle, Date, Relevant F	Pagas	. Dla	co of	Dukl	ication				
								ne eyes have it",				I UDI		·			
20.1	-							le eyes have it ,	301	EIVCE	,						
YM		Apr	:il	19	86,	, F	page 12										
, i		"St	er	eo	Еує	e M	fovement," Da	vi Geiger and Ala	an Y	uill	e,			-			
\^M		Jar	1.	198	8.	МТ	T Artificial	Intelligence Lal	oora	torv							
0.1		├—					· · · · · · · · · · · · · · · · · · ·			<u>y</u>	•						
		AI —	Mer	mo :	No.	. 9	927										
W I		ļ						,									
EXAMINER		$\overline{}$	$\overline{}$					DATE CONSIDERED									
		· /)							_	63						
	1		_					1		0	ハっつ						

ATTY. DOCKET NO. SERIAL NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (Modified) 313-008-2 09/772,016 APPLICANT INFORMATION DISCLOSURE STATEMENT BY APPLICANT F.J. Maguire FILING DATE GROUP (Use several sheets if necessary) Jan. 29, (37 CFR 1.98(b)) 2001 2614 **U.S. PATENT DOCUMENTS EXAMINER** ISSUE FILING DATE INITIAL DOCUMENT NUMBER DATE PATENTEE SUBCLASS IF APROPRIATE **CLASS** 1/74 Horner et al 11/75 Stoutmeyer et al 7/92 Ritchey Plante et al 6/87 7/88 Smets et al 8/78 Graf 6 Sutter 8/89 6 Streisinger 6 6/69 6 12/85 Buchas McCullough et al 4/80 10/80 Merchant FOREIGN PATENT DOCUMENTS **PUBLICATION** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) "Image Focusing In Space and Time, "M.W. Siegel, CMU-RI-TR-88~2 Ml Intelligent Sensors Lab, The Robotics Institute, Carnegie Mellon University, Feb. 1988 Fakespace Labs BOOM 3C, product description dated 9 February 1994 **EXAMINER DATE CONSIDERED** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1	449 U.S. DEPARTMENT O	F COMMERCE PATENT	ATTY, DOCKET NO. SERIAL NO.								
prodified)	AND TRADEMARK OF	FICE	313-008-2 09/772,016								
FFICE	INFORMATION DISCLOSUF		APPLICANT								
<u> </u>	STATEMENT BY APPLICAN	IT	F.J. Maguir	e							
*	(Use several sheets if necess	ary)	FILING DATE		GROUP						
(37 CFR 1.98(I	b))	·	Jan. 29, 20	01 2	2614						
		U.S. PATE	NT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APROPRIATE					
	3869694	3/75	Merchant et al								
	3850511	11/74	Merchant	1 +							
	3 5 9 3 2 8 6	7/71	Altman								
	3 3 7 9 8 8 5	4/68	Nork	<u> </u>		RECE					
	3 4 7 3 8 6 8	10/69	Young et al								
	2168566	8/39	Goldsmith		1-1	RECE AUG 2 (
	3 3 7 9 8 3 3	4/68	Hecker et al	1		Chny					
	5049988	9/91	Sefton et al			chnology Ce					
	4982278	1/91	Dahl et al	1 +							
	3 4 6 2 6 0 4	8/69	Mason	1 +							
	4819064	4/89	Diner		- +						
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATIO YES NO					
			21/10								
			<i>yv y</i>								
			$\overline{}$								
				+							
				<u> </u>							
OTHE	R DOCUMENTS (Inclu	ding Author, T	itle, Date, Relevant	Pages, Pl	ace of Pub	lication)					
	"A Three Dime	nsional Elec	ctronic Retina Ar	chitect	ure,"						
W	G. Salada, MS	EE Thesis, (JS Air Force Inst	itute o	f						
	Technology, D	ecember 1987	, AFIT/GCS/ENG/8	7D-23	,						
W											
m											
,			,			· <u></u>					
1			DATE CONSIDERED,			 -					
EXAMINER /)		DATE CONSIDERED	1							
EXAMINER											
EXAMINER	\prec		6/	18/03	3						

FILING DATE

IF APROPRIATE

RECEIVED

AUG 2 0 2001

Technology Center 2600

SERIAL NO. ATTY. DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT (Nodified) AND TRADEMARK OFFICE 313-008-2 09/772,016 APPLICANT INFORMATION DISCLOSURE STATEMENT BY APPLICANT F.J. Maguire FILING DATE GROUP (Use several sheets if necessary) Jan. 29, 2001 2614 (37 CFR 1.98(b)) **U.S. PATENT DOCUMENTS EXAMINER** ISSUE INITIAL DOCUMENT NUMBER DATE **PATENTEE** CLASS **SUBCLASS** 2/80 Stern Driskell 7/73 0 La Russa 1/81 9 8 8 3/94 Yamada Nagano et al 9/93 11/94 Hegg et al 6/92 Lee Hudgins 0 11/94 Saunders et al 10/93 12/90 Stephens 9/83 Kanaly FOREIGN PATENT DOCUMENTS **PUBLICATION** DOCUMENT NUMBER DATE COUNTRY CLASS

TRANSLATION SUBCLASS YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) News Release, Nov. 14, 1994, "Telepresence Research Creates 'Virtual Brewery Adventure'" to immerse visitors in Sapporo Beer, Portola Valley, California **EXAMINER DATE CONSIDERED**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ORM PTO-1449 ATTY. DOCKET NO. SERIAL NO. U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 313-008-2 09/772,016 APPLICANT INFORMATION DISCLOSURE STATEMENT BY APPLICANT F.J. Maquire FILING DATE GROUP (Use several sheets if necessary) Jan. 29, 2614 (37 CFR 1.98(b)) 2001 **U.S. PATENT DOCUMENTS EXAMINER** ISSUE FILING DATE IF APROPRIATE INITIAL DOCUMENT NUMBER DATE **PATENTEE CLASS** SUBCLASS Campbell 5/85 8/67 Brown McMann 2/66 5/72 Merchant 12/63 Bingley et al Heynau et al 6/80 12/85 Schoolman 2/75 Cornsweet Body et al 2/80 10/90 Lipton et al 7/95 Bolas et al FOREIGN PATENT DOCUMENTS **PUBLICATION** TRANSLATION DOCUMENT NUMBER DATE COUNTRY **CLASS SUBCLASS** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) **EXAMINER** DATE CONSIDERED

> EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

09/772,016

FORM PTO-1449 (Modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 313-008-2 SERIAL NO.

APPLICANT

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

F.J. Maguire

FILING DATE

GROUP 2614

(Use several sheets if necessary) (37 CFR 1.98(b))

Jan. 29, 2001

U.S. PATENT DOCUMENTS

EXAMINER DOCUMENT NUMBER		ER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APROPRIATE						
M		5	7	3	7	0	1	2	4/98	Tabata et al	1		
		5	6	1	5	1	ო	2	3/97	Horton et al	-	1 + F	FOR
		5	3	9	4	5	1	7	2/95	Kalawsky	1		CEIVE
		4	3	4	8	1	8	6	9/82	Harvey et al		+-A	16.2
		5	4	2	3	2	1	5	6/95	Frankel		Tach	~ 0 2001
		4	3	0	3	3	9	4	12/81	Berke et al	1	סווויס	ogy Center 260
		4	6	3	4	3	8	4	1/87	Neves et al			- 1.1er 260
		6	2	5	9	5	6	5	7/01	Kawamura et al			
		5	5	4	6	2	2	4	8/96	Yokota			
		6	2	3	4	4	4	6	5/01	Patterson			
		5	7	9	1	7	3	5	8/98	Helman	+		

FOREIGN PATENT DOCUMENTS

								PUBLICATION				TRANSLATION		
	DOCUMENT NUMBER						SEK	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
				1										
			Γ						2 . M					
			Γ						1)001)					
									V					
			Γ											

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

,		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OF W	FORM PTO-14	49						OF COMMERCE PATE	NT	ATTY. DOCKET NO.		SERIAL NO.						
2/1	(Modified)	INFO		ATI	ON D	ISC	CLOS	URE		313-008-2 APPLICANT	09/772,016							
MR 1 6.	37 CFR 1.98(b	(Use :						ssary)		F.J. Maguire FILING DATE Jan. 29, 200			GROUP 2614					
ATENT & TRI	OF THE T. SO(D				-			US PAT	ΓFN	IT DOCUMENTS								
	EXAMINER INITIAL		ocu	ME	NT N	IUI	MBE	ISSUE		PATENTEE		LASS	SUBCI	ASS	FILING DATE IF APROPRIATE			
	m	5	6	9	5 4	1	0 6	12/97		Park	<u> </u>	+		-				
		6	0	5	6 3	<u>3</u>	6 2	5/00		de la Haye		+	1 1					
		5	6	7	1 (2	3 7	9/97	С	gasawara et al		+	1 +	-R	ECF	4		
•		5	$\overline{}$	4	2	<u>3</u>	0 2	6/97	<u> </u>	Dumont et al	<u> </u>	1		-		INFL		
		5	7	9	2 (1	3 1	8/98		Alton	<u> </u>	1-	<u> </u>	<u>-44</u>	G 2 0	200-		
•			Ш			1							Tec	hnou		2007		
			Ш			1	_		_		_	<u> </u>			'YY Cer	iter 260		
			Ш		Ц	4				ME 11 27 11 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1								
			Ш			1												
		\perp	Ш			1	_ _											
			Ш		Ш	Ц	\bot						1					
								FOREIGN P	ATE	ENT DOCUMENTS								
								PUBLICATION							ECEIVEL G 2 0 2001 Oy Center 26 TRANSLATION YES NO			
		DOCUMENT NUMBER					MBEI	DATE		COUNTRY	C	LASS	SUBCI	ASS	YES	NO		
,						T												
•										NUM)								
			\Box			T				1 /								
		+	$\dagger \dagger$	Н		\dagger	+		\vdash		\vdash		 					
			Ш		<u> </u>			<u> </u>	l		<u> </u>		<u> </u>	i				
	OTHER	DO	CU	ME	NT	S	(Inc	uding Author,	, Tit	tle, Date, Relevant F	age	es, Pla	ce of	Publi	ication)		
			П															
		┢	+															
			╄												-			
			L															
			1															
	-	\top	\vdash								-							
	,	\vdash	┼—							-,								
			L															
	EXAMINER				0					DATE CONSIDERED	,							
			_	eg							I_{\cdot}	,						
			i	L	_	\				1 (5/18/	05)						

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.